

Title (en)

Long lasting fusion peptide inhibitors for HIV infection

Title (de)

Langwirkende Fusionspeptidinhibitoren gegen HIV-Infektion

Title (fr)

Inhibiteurs peptidiques de fusion longue durée contre les infections à VIH

Publication

EP 1752469 A3 20070321 (EN)

Application

EP 06023309 A 20020531

Priority

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- EP 02729737 A 20020531
- US 29424101 P 20010531

Abstract (en)

[origin: EP1752469A2] The present invention relates to C34 peptide derivatives that are inhibitors of viral infection and/or exhibit antifusogenic properties. In particular, this invention relates to C34 derivatives having inhibiting activity against human immunodeficiency virus (HIV), respiratory syncytial virus (RSV), human parainfluenza virus (HPV), measles virus (MeV), and simian immunodeficiency virus (SIV) with long duration of action for the treatment of the respective viral infections.

IPC 8 full level

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CPC (source: EP)

A61P 31/14 (2017.12); **A61P 31/18** (2017.12); **C07K 14/005** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/00** (2013.01); **C12N 2740/16122** (2013.01)

Citation (search report)

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- [AD] WO 9959615 A1 19991125 - TRIMERIS INC [US]
- [A] EP 0328403 A2 19890816 - UNITED BIOMEDICAL INC [US]
- [A] US 5656480 A 19970812 - WILD CARL T [US], et al
- [A] US 6150088 A 20001121 - CHAN DAVID C [US], et al
- [A] KLIGER Y & SHAI Y: "Inhibition of HIV-1 entry before gp41 folds into its fusion-active conformation", 14 January 2000, JOURNAL OF MOLECULAR BIOLOGY, LONDON, GB, PAGE(S) 163-168, ISSN: 0022-2836, XP004461478
- [A] JI H ET AL.: "Buried Polar Interactions and Conformational Stability in the Simian Immunodeficiency Virus (SIV) gp41 Core", BIOCHEMISTRY, vol. 39, 2000, pages 676 - 685, XP002245319
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Designated contracting state (EPC)

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